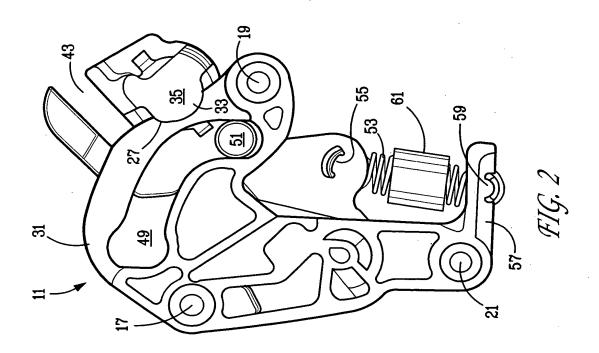
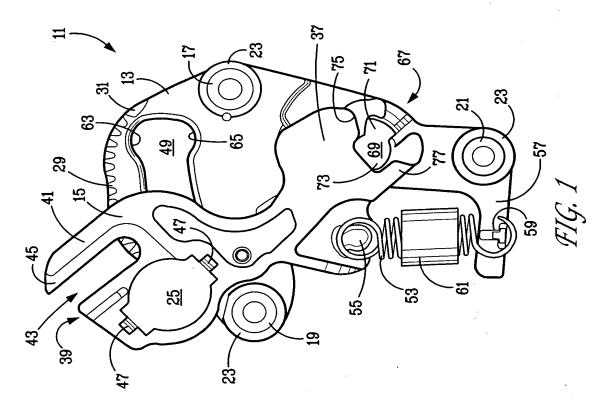
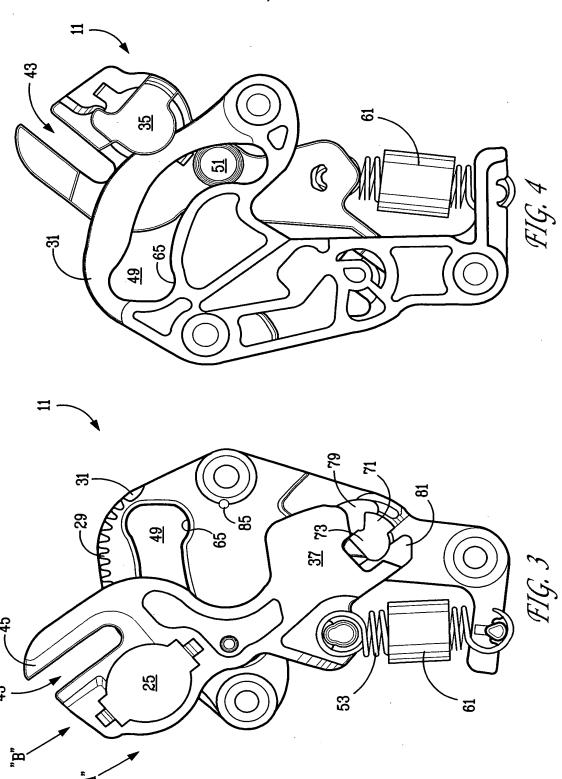


MOMENTUM LOCKOUT DETENTED-DAMPENED HINGE

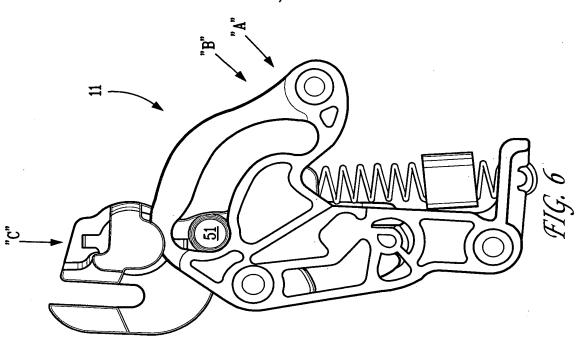
Serial No.: 10/617,576 Applicant: Fabrice Vitry Filed: July 11, 2003 Atty. Docket No.: 079-03

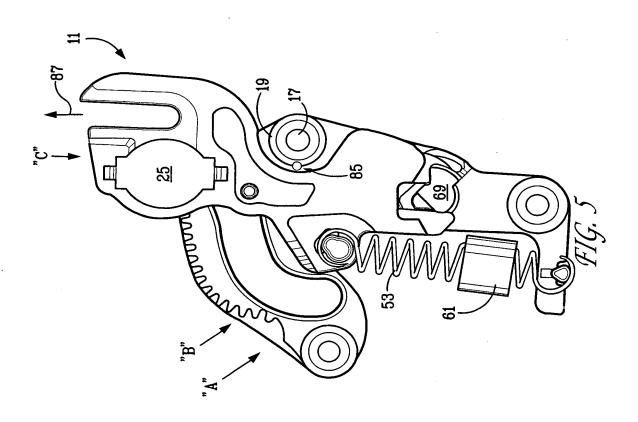




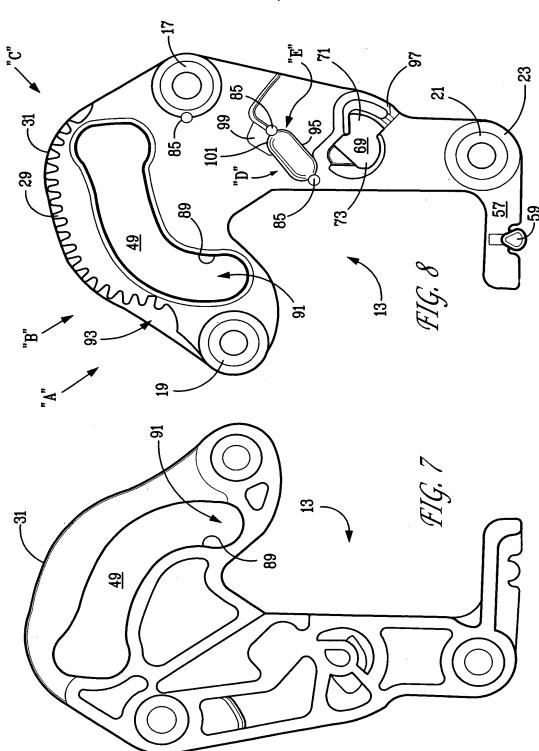


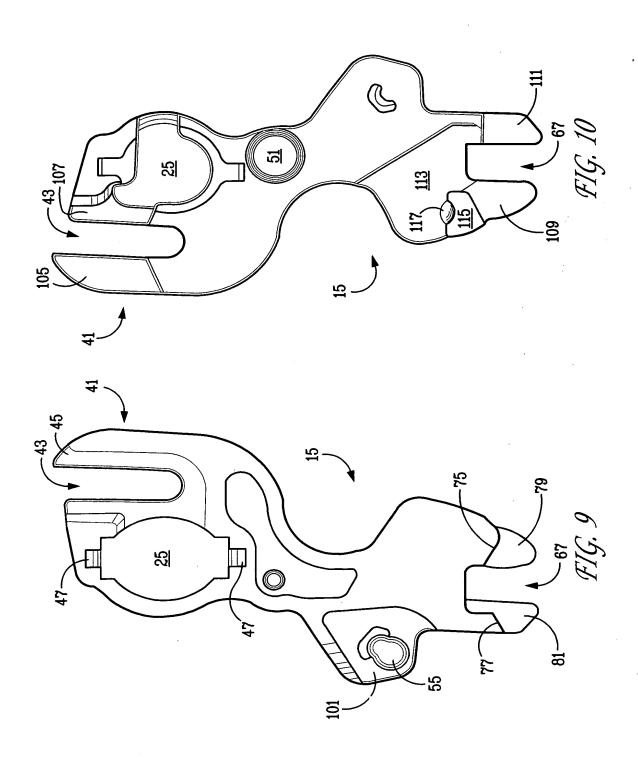












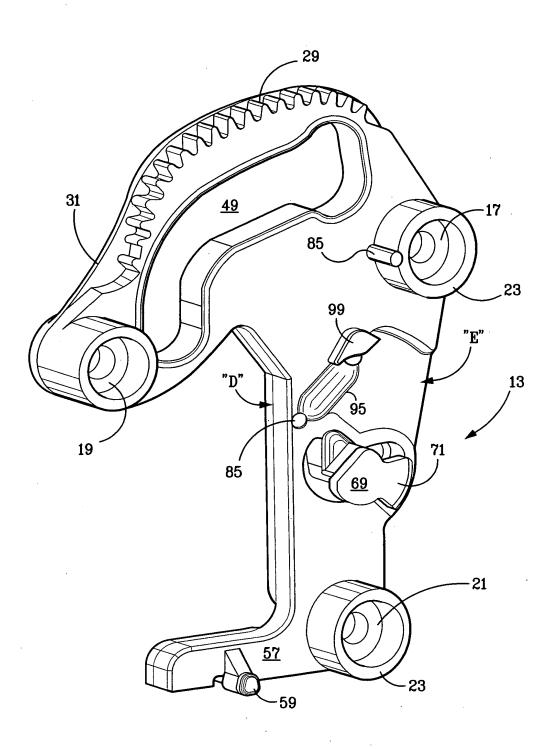


FIG. 11

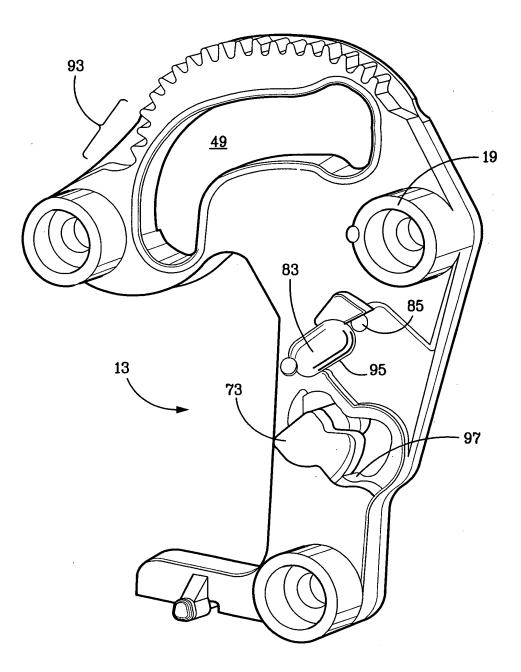
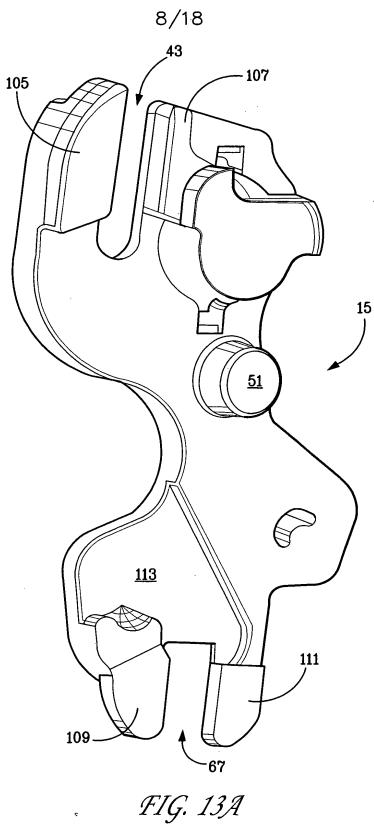
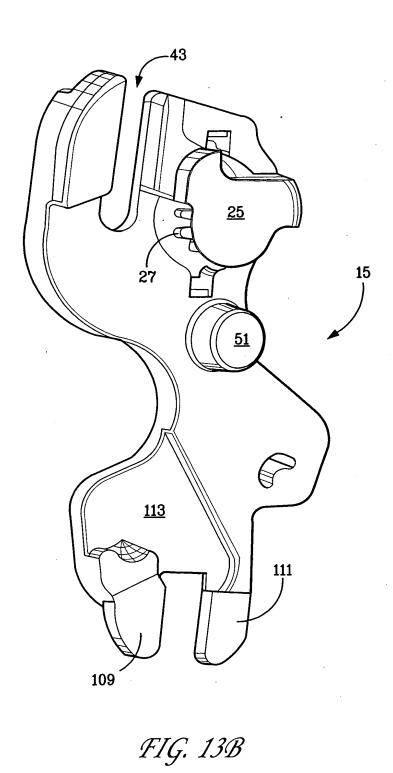


FIG. 12





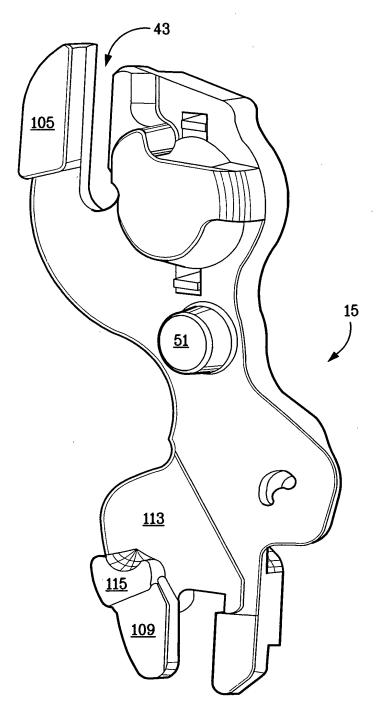
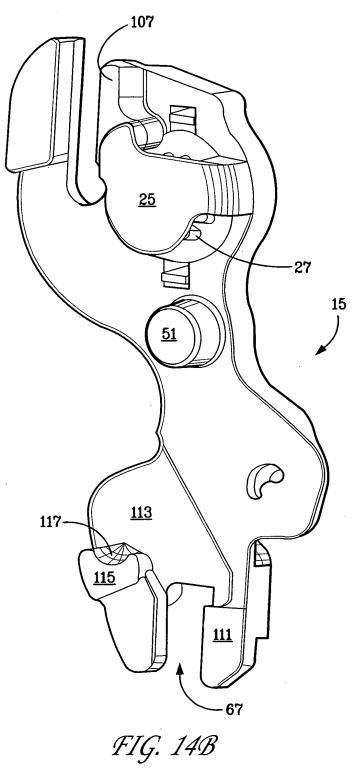
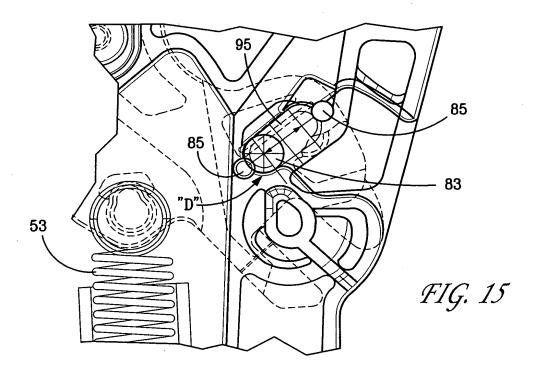
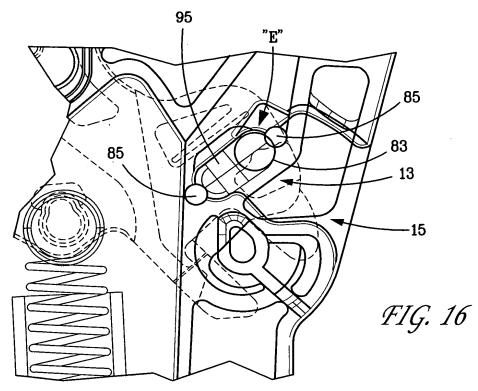


FIG. 14A



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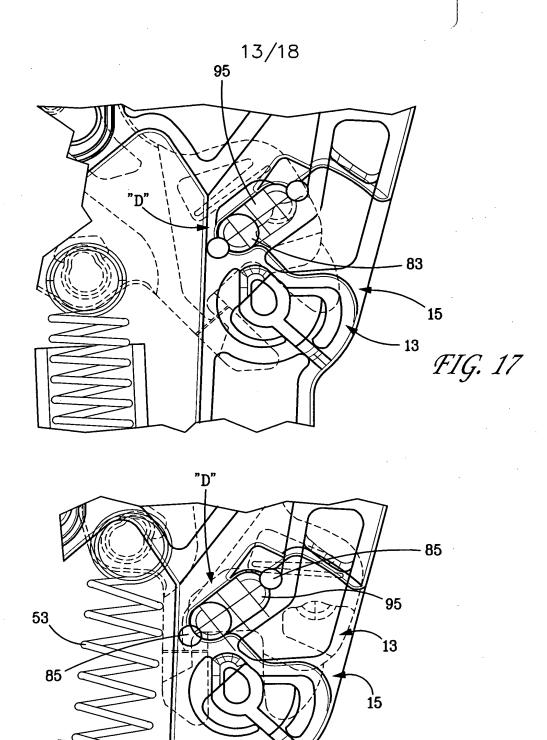
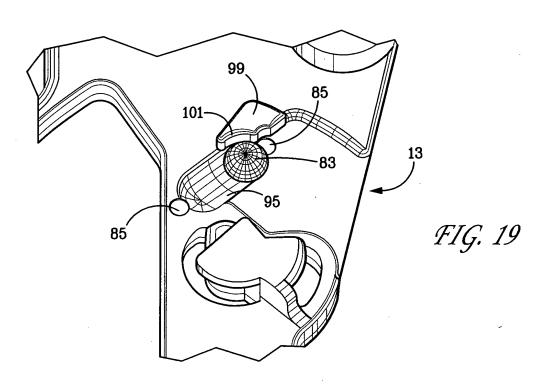


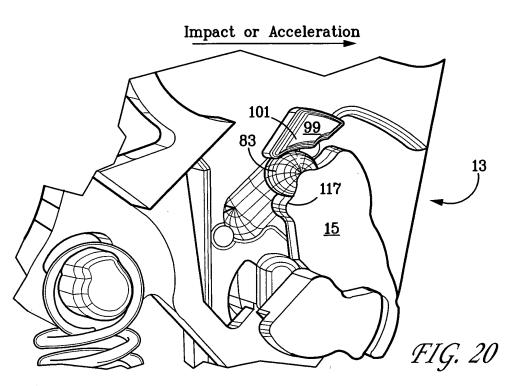
FIG. 18

#### MOMENTUM LOCKOUT DETENTED-DAMPENED HINGE

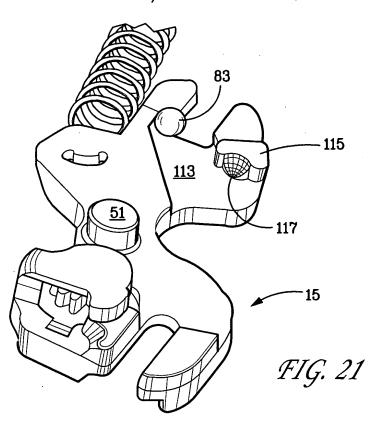
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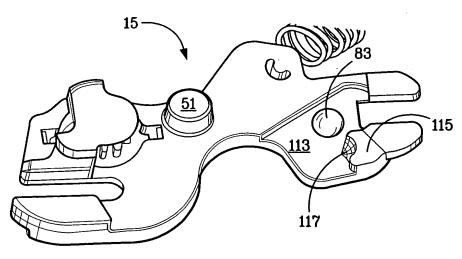


FIG. 22

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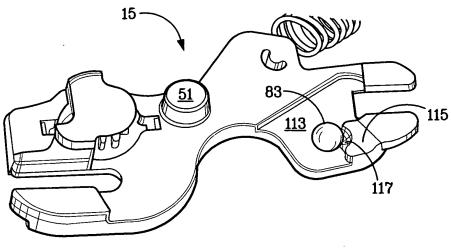
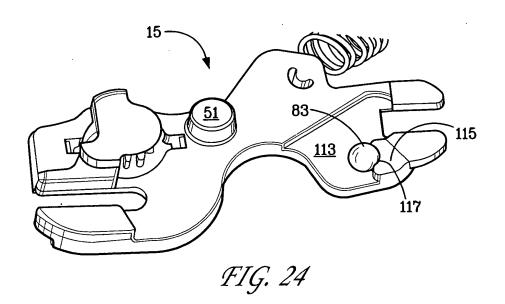
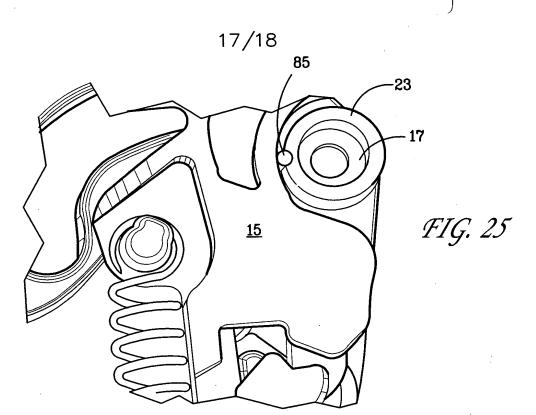


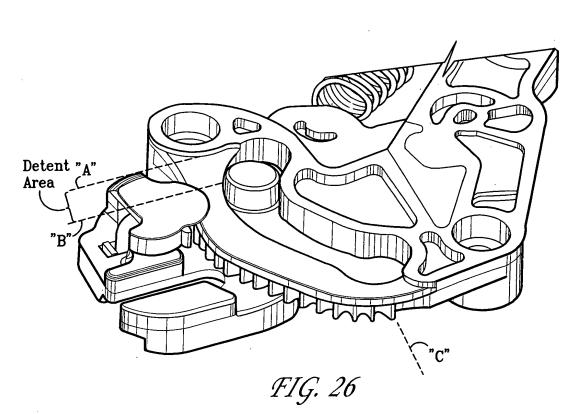
FIG. 23



#### MOMENTUM LOCKOUT DETENTED-DAMPENED HINGE

Serial No.: 10/617,576 Applicant: Fabrice Vitry Filed: July 11, 2003 Atty. Docket No.: 079-03





#### Serial No.: 10/617,576 Atty. Docket No.: 079-03 Applicant: Fabrice Vitry 18/18 Hinge in 41 closed position Opening effort direction (always perpendicular to the fork of the 119 moving arm) PIN connection to movable structure lid, door or panel FIG. 27 Moving arm movement direction is at 45 degrees to the opening effort direction = Detent effect. If the relative angle is above 80 degrees there is a blockage => detent too strong 119 Opening effort direction (always perpendicular Hinge out of closed to the fork of the position and pinion moving arm) away from detent area. Moving arm movement direction becomes parallel to the opening effort direction = No detent

effect and low opening effort.

MOMENTUM LOCKOUT DETENTED-DAMPENED HINGE

Filed: July 11, 2003